



MADE IN THE USA

MANUFACTURER OF HIGH-TRAFFIC BLDC APP-CONTROLLED GATE OPERATORS & ACCESS CONTROL SOLUTIONS



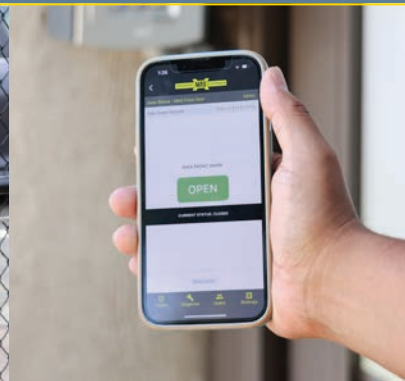
HEAVY-DUTY
SWING OPERATORS



STRONG
LINEAR ACTUATORS



HEAVY-DUTY
SLIDE OPERATORS



APP-BASED
CONTROL

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Max Slide Gate Operator

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About Maximum Controls

Established in 2009 and headquartered in Southern California, Maximum Controls designs and manufactures high-performance, exceptionally quiet gate operators and access control solutions. With over 40 years of industry experience, the company is driven by a commitment to reliability, safety, and innovation.

At the core of Maximum Controls' product line is advanced brushless DC motor technology paired with a direct gear drive (no chains, belts, or pulleys) and Adaptive DSP motion control. Every operator comes standard with battery backup, providing between 85 and 500 cycles depending on gate size and application. All electronics are built with automobile-grade components and sealed packaging to withstand demanding environments.

Through the Max app, users can manage their gates in ways unmatched by any other platform: add administrators to manage site, assign users with time-based restrictions, issue temporary guest passes, set automated open/close timers, retrieve detailed event logs, and more.

We offers a unique wireless edge with near-instant response—the fastest of its kind on the market—engineered to prevent accidents and enhanced protection.

Driven by a commitment to quality, safety, and long-term reliability, Maximum Controls builds products engineered to perform for years to come.





MXG SERIES

MXG 2300



MXG 1800 FS



MXG SERIES

MXG 2300 - ST
All Stainless Steel



MXG 1800 FS - ST
All Stainless Steel

SLIDE GATE OPERATORS



MAX 1500 PRO



MAX 2200 PRO



MAX F18 PRO



MAX RHINO 5500



MAX 1200 FS PRO



MAX 1700 FS PRO

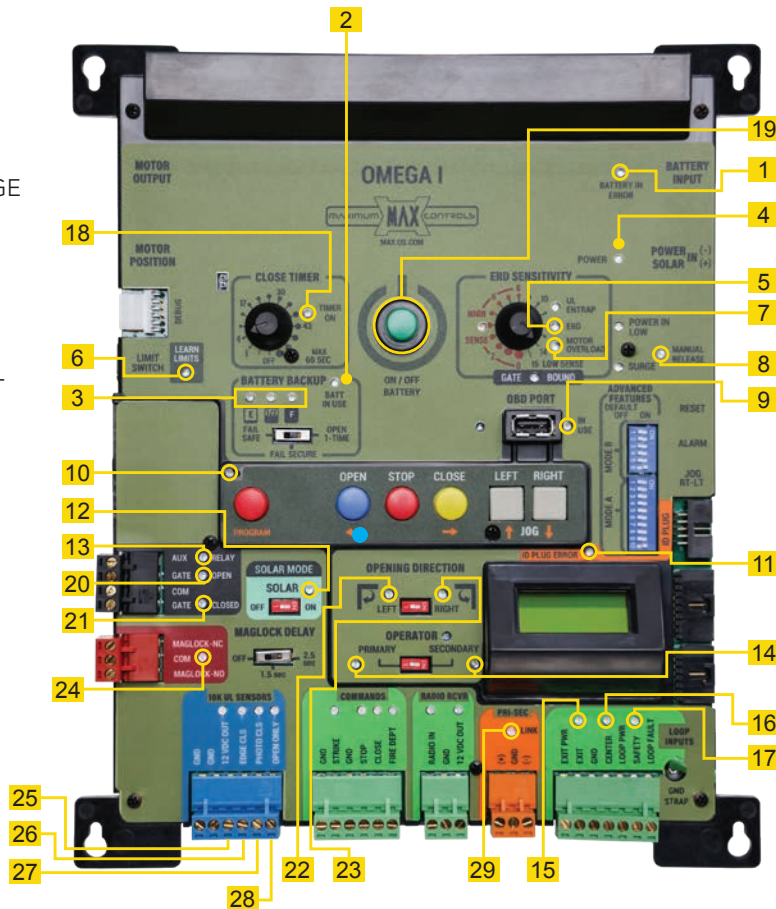


MAX RHINO 4000 FS

OMEGA I BOARD

LED INDICATORS

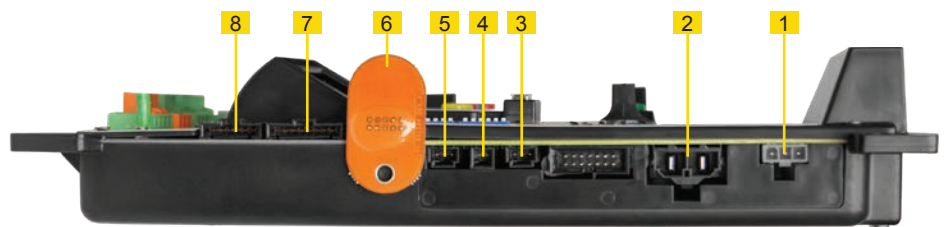
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2. BATTERY IN USE
3. BATTERY STATUS VOLTAGE
4. POWER
5. ERD
6. LEARN LIMITS
7. MOTOR OVERLOAD
8. MANUAL RELEASE/RESET
9. OBD PORT LOG
10. PARTIAL OPEN
11. ID PLUG ERROR
12. SOLAR MODE
13. AUX RELAY
14. PRIMARY/SECONDARY



15. EXIT LOOP
16. CENTER LOOP
17. SAFETY LOOP
18. CLOSE TIMER
19. ON/OFF BATTERY
20. GATE OPEN
21. GATE CLOSED
22. OPEN LEFT
23. OPEN RIGHT
24. MAGLOCK
25. 12 VCD OUT
26. EDGE CLS
27. PHOTO CLS
28. OPEN ONLY
29. LINK ON (PRI/SEC)

OMEGA I BOARD

- Simplified dashboard interface for easy installation
- Able to fast charge batteries (up to 4 ½ Amps)
- OBD Port for diagnostic logs (same as Matrix III)

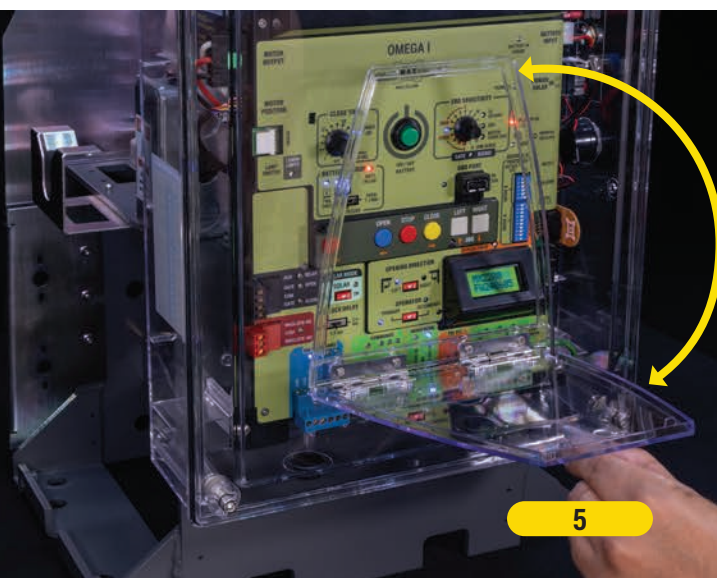


CONNECTOR PORTS

1. BATTERY INPUT
2. POWER/SOLAR INPUT

3. RESET/ MANUAL RELEASE
4. ALARM
5. JOG RT-LT

6. ID PLUG
7. CELL HUB PORT
8. MAX WIRELESS EDGE PORT



QUICK ACCESS TO BOARD

The clear control box features a spring-loaded access door, allowing quick access to the **Omega I board**

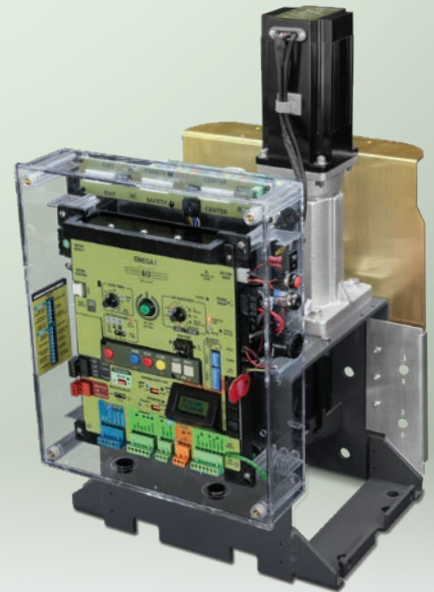
MXG 2300

SLIDE GATE OPERATOR

High Traffic Commercial
24V Brushless DC
FAIL SECURE



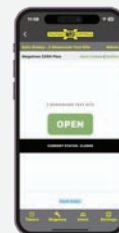
**MILITARY BROWN
MXG PLASTIC
COVER**



**Heavy-Duty 1/4" Cold-Rolled
Steel Frame – Fully Welded, Gold
Zinc-Plated, and Powder-Coated**



MXG 2300 - ST
OPTIONAL ALL STAINLESS STEEL
 - Includes key components such
 as the power supply, chassis,
 and brackets.



**OPTIONAL
MAX CLOUD APP**
 (REQUIRES
 MAX CELL HUB
 INSTALLATION)

Motor Type	1 1/4 HP 24V Brushless DC - 6 Mil Cycles
Max Gate Weight	2300 lbs
Duty Cycles	Continuous
Warranty	5-Year Warranty
Max Gate Length	60 ft
Gate Speed	12" Per Second
Motor safety	Motor Overcurrent Safety Shut-Off
Power Options	Switchable 115/230 VAC
Battery Back Up	Built-in; Providing a Minimum of 100 Cycles
Temperature Range	-4°F to 165°F (-20°C to +74°C)
Heavy Duty Direct Drive Gearbox	Size 60, 30:1 Gear Ratio - Direct Gear Drive (Cast Iron Housing)
Dimensions	15" W x 19" D x 25 3/4" H
Shipping Weight	140 lbs
Emergency Release	Electronic Release - Jog Switch
Chain Size	#40 Nickel Plated Included
Breaker	20 amp
Power Outputs	Built-in 12VDC and 24VDC
Lightning	Robust Lightning Protection (44 Channels)
On Board Diagnostics	Logs the Most Recent 8,000 Events

Solar Mode	Partial Open Programing	Anti-Tailgating Feature	ERD	Timer
Yes	Yes	Yes	Yes	Yes



SCAN QR CODE
 To learn more
 about the
 MXG 2300

MXG 1800 FS

SLIDE GATE OPERATOR

High Traffic Commercial
24V Brushless DC
FAIL SAFE



MILITARY BROWN
MXG PLASTIC
COVER

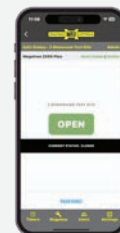


Heavy-Duty 1/4" Cold-Rolled
Steel Frame – Fully Welded, Gold
Zinc-Plated, and Powder-Coated

Motor Type	1 1/4 HP 24V Brushless DC - 6 Mil Cycles
Max Gate Weight	1800 lbs
Duty Cycles	Continuous
Warranty	5-Year Warranty
Max Gate Length	40 ft
Gate Speed	12" Per Second
Motor safety	Motor Overcurrent Safety Shut-Off
Power Options	Switchable 115/230 VAC
Battery Back Up	Built-in; Providing a Minimum of 100 Cycles
Temperature Range	-4°F to 165°F (-20°C to +74°C)
Heavy Duty Direct Drive Gearbox	Size 60, 20:1 Gear Ratio - Direct Gear Drive (Cast Iron Housing)
Dimensions	15" W x 19" D x 25 3/4" H
Shipping Weight	138 lbs
Emergency Release	Mechanical Release: Local Switch, Keypad, or Any Dry Contact Relay & Via Max App
Chain Size	#40 Nickel Plated Included
Breaker	20 amp Dedicated
Power Outputs	Built-in 12VDC and 24VDC
Lightning	Robust Lightning Protection (44 Channels)
On Board Diagnostics	Logs the Most Recent 8,000 Events



MXG 1800 FS - ST
OPTIONAL ALL STAINLESS STEEL
- Includes key components such
as the power supply, chassis,
and brackets.



OPTIONAL
MAX CLOUD APP
(REQUIRES
MAX CELL HUB
INSTALLATION)

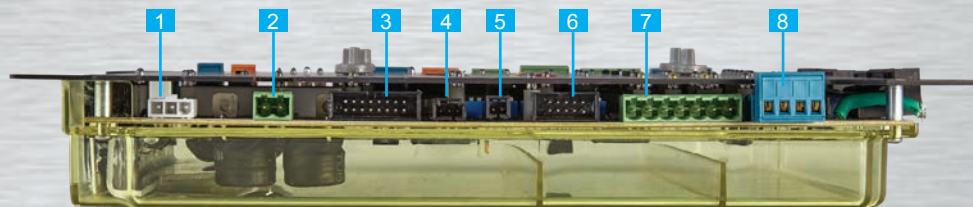
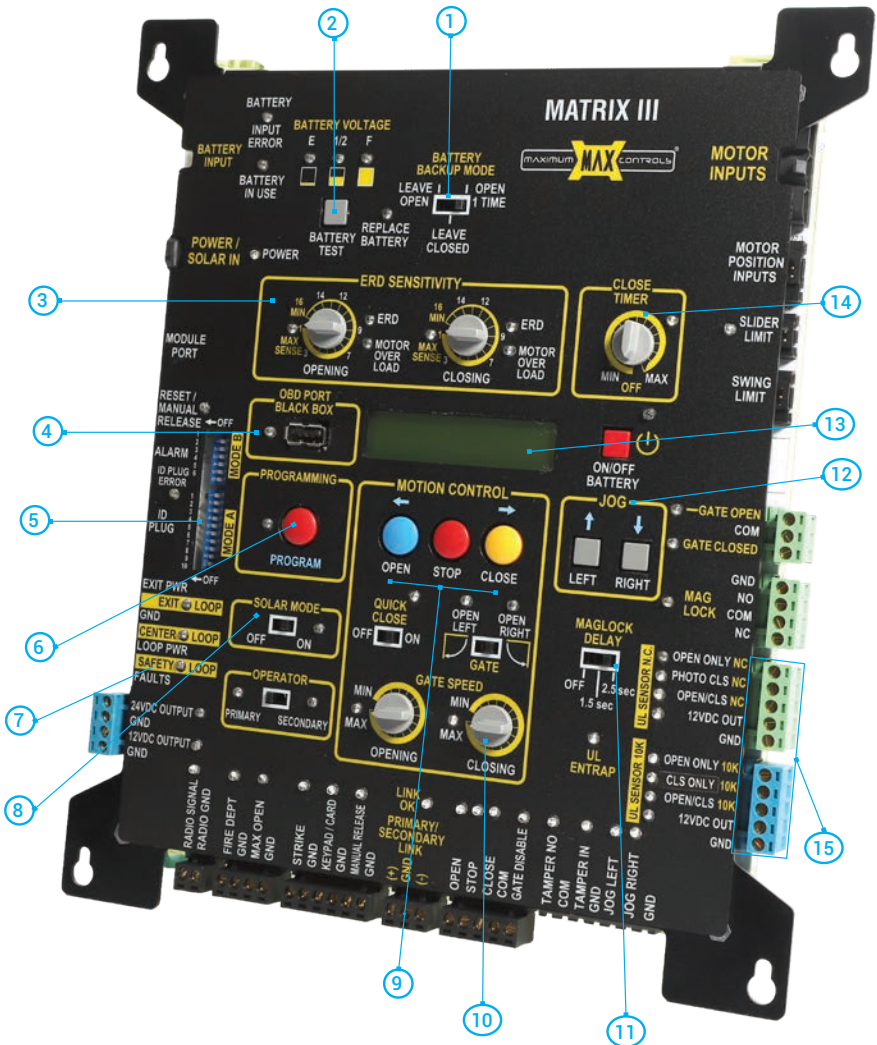
Solar Mode	Partial Open Programing	Anti-Tailgating Feature	ERD	Timer
Yes	Yes	Yes	Yes	Yes



SCAN QR CODE
To learn more
about the
MXG 1800 FS

MATRIX III BOARD

1. Battery Backup Mode Switch
2. Battery Test Switch
3. ERD Sensitivity
4. OBD Port
5. DIP Switches
6. Program Button
7. Loop Status
8. Solar Mode Application
9. Motion Control Buttons
10. Closing Gate Speed
11. Maglock Delay
12. Jog Open/Close
13. LCD Display
14. Close Timer Switch
15. Safety Sensor Ports for both N.C type and 10k type sensors. Up to 12 sensors support 2018 compliant. 10k sensor inputs allow direct wiring to 10k edges and require less wiring for 10k wireless edge receivers.



1. Battery Input
2. Power/Solar Input
3. Module Port
4. Reset
5. UL Alarm

6. ID Plug
7. Loop Rack Input
8. 12V DC & 24V DC Limited Current Power Output

MAX 1500 PRO

SLIDE GATE OPERATOR

High Traffic Commercial
24V Brushless DC
FAIL SECURE

SLIDE GATE
OPERATOR COVER



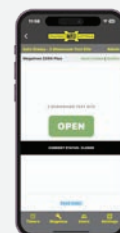
Optional Chain Drop:
Patent No.
US 9,406,207 B2



Heavy-Duty 1/4" Cold-Rolled
Steel Frame – Fully Welded, Gold
Zinc-Plated, and Powder-Coated



OPTIONAL STEEL COVER
15 gauge steel, gold zinc plated
and powder-coated, with heavy
duty hasp for secure locking



**OPTIONAL
MAX CLOUD APP**
(REQUIRES
MAX CELL HUB
INSTALLATION)

Motor Type	1/2 HP 24V Brushless DC - 6 Mil Cycles
Max Gate Weight	1500 lbs
Duty Cycles	Continuous
Warranty	5-Year Warranty
Max Gate Length	30 ft
Gate Speed	12" Per Second
Motor safety	Motor Overcurrent Safety Shut-Off
Power Options	Switchable 115/230 VAC
Battery Back Up	Built-in; Providing a Minimum of 100 Cycles
Temperature Range	-4°F to 165°F (-20°C to +74°C)
Heavy Duty Direct Drive Gearbox	Size 50, 30:1 Gear Ratio - Direct Gear Drive (Cast Iron Housing)
Dimensions	14.5" W x 19" D x 25.5" H
Shipping Weight	152 lbs
Emergency Release	Electronic Release - Jog Switch
Chain Size	#40 Nickel Plated Included
Breaker	20 amp
Power Outputs	Built-in 12VDC and 24VDC
Lightning	Robust Lightning Protection (44 Channels)
On Board Diagnostics	Logs the Most Recent 8,000 Events

Solar Mode	Partial Open Programing	Anti-Tailgating Feature	ERD	Timer
Yes	Yes	Yes	Yes	Yes



SCAN QR CODE
To learn more
about the
MAX 1500 PRO

MAX 2200 PRO

SLIDE GATE OPERATOR

High Traffic Commercial
24V Brushless DC
FAIL SECURE

SLIDE GATE
OPERATOR COVER



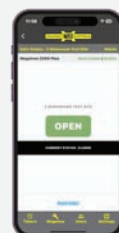
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Patent No.
US 9,406,207 B2



Heavy-Duty 1/4" Cold-Rolled
Steel Frame – Fully Welded, Gold
Zinc-Plated, and Powder-Coated



OPTIONAL STEEL COVER
15 gauge steel, gold zinc plated
and powder-coated, with heavy
duty hasp for secure locking



**OPTIONAL
MAX CLOUD APP**
(REQUIRES
MAX CELL HUB
INSTALLATION)

Motor Type	1 1/4 HP 24V Brushless DC - 6 Mil Cycles
Max Gate Weight	2200 lbs
Duty Cycles	Continuous
Warranty	5-Year Warranty
Max Gate Length	50 ft
Gate Speed	12" Per Second
Motor safety	Motor Overcurrent Safety Shut-Off
Power Options	Switchable 115/230 VAC
Battery Back Up	Built-in; Providing a Minimum of 100 Cycles
Temperature Range	-4°F to 165°F (-20°C to +74°C)
Heavy Duty Direct Drive Gearbox	Size 60, 30:1 Gear Ratio - Direct Gear Drive (Cast Iron Housing)
Dimensions	14.5" W x 19" D x 25.5" H
Shipping Weight	158 lbs
Emergency Release	Electronic Release - Jog Switch
Chain Size	#40 Nickel Plated Included
Breaker	20 amp
Power Outputs	Built-in 12VDC and 24VDC
Lightning	Robust Lightning Protection (44 Channels)
On Board Diagnostics	Logs the Most Recent 8,000 Events

Solar Mode	Partial Open Programing	Anti-Tailgating Feature	ERD	Timer
Yes	Yes	Yes	Yes	Yes



SCAN QR CODE
To learn more
about the
MAX 2200 PRO

MAX F18 PRO

SLIDE GATE OPERATOR

High Traffic Commercial
24V Brushless DC
FAIL SECURE

SLIDE GATE
OPERATOR COVER



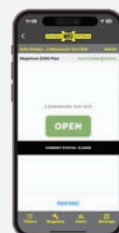
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Heavy-Duty 1/4" Cold-Rolled
Steel Frame – Fully Welded, Gold
Zinc-Plated, and Powder-Coated



OPTIONAL STEEL COVER
15 gauge steel, gold zinc plated
and powder-coated, with heavy
duty hasp for secure locking



**OPTIONAL
MAX CLOUD APP**
(REQUIRES
MAX CELL HUB
INSTALLATION)

Motor Type	1 1/4 HP 24V Brushless DC - 6 Mil Cycles
Max Gate Weight	1600 lbs
Duty Cycles	Continuous
Warranty	5-Year Warranty
Max Gate Length	30 ft
Gate Speed	18" Per Second
Motor safety	Motor Overcurrent Safety Shut-Off
Power Options	Switchable 115/230 VAC
Battery Back Up	Built-in; Providing a Minimum of 100 Cycles
Temperature Range	-4°F to 165°F (-20°C to +74°C)
Heavy Duty Direct Drive Gearbox	Size 60, 30:1 Gear Ratio - Direct Gear Drive (Cast Iron Housing)
Dimensions	14.5" W x 19" D x 25.5" H
Shipping Weight	160 lbs
Emergency Release	Electronic Release - Jog Switch
Chain Size	#40 Nickel Plated Included
Breaker	20 amp
Power Outputs	Built-in 12VDC and 24VDC
Lightning	Robust Lightning Protection (44 Channels)
On Board Diagnostics	Logs the Most Recent 8,000 Events

Solar Mode	Partial Open Programing	Anti-Tailgating Feature	ERD	Timer
Yes	Yes	Yes	Yes	Yes



SCAN QR CODE
To learn more
about the
MAX F18 PRO

MAX RHINO 5500

SLIDE GATE OPERATOR

High Traffic Commercial
24V Brushless DC
FAIL SECURE



STEEL COVER
15 gauge steel, gold zinc plated and powder-coated, with heavy duty hasp for secure locking

Optional Chain Drop:
Patent No.
US 9,406,207 B2

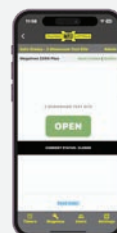


Heavy-Duty 1/4" Cold-Rolled Steel Frame – Fully Welded, Gold Zinc-Plated, and Powder-Coated

Motor Type	2 1/2 HP 24V Brushless DC - 6 Mil Cycles
Max Gate Weight	5500 lbs
Duty Cycles	Continuous
Warranty	3-Year Warranty
Max Gate Length	50 ft
Gate Speed	12" Per Second
Motor safety	Motor Overcurrent Safety Shut-Off
Power Options	Switchable 115/230 VAC
Battery Back Up	Built-in; Providing a Minimum of 40 Cycles
Temperature Range	-4°F to 165°F (-20°C to +74°C)
Heavy Duty Direct Drive Gearbox	Size 70, 30:1 Gear Ratio - Direct Gear Drive (Cast Iron Housing)
Dimensions	14.5" W x 21" D x 29" H
Shipping Weight	225 lbs
Emergency Release	Electronic Release - Jog Switch
Chain Size	#50 Nickel Plated Included
Breaker	20 amp
Power Outputs	Built-in 12VDC and 24VDC
Lightning	Robust Lightning Protection (44 Channels)
On Board Diagnostics	Logs the Most Recent 8,000 Events



OPTIONAL MAX RHINO PLASTIC COVER
(NO EXTRA CHARGE)



OPTIONAL MAX CLOUD APP
(REQUIRES MAX CELL HUB INSTALLATION)

Solar Mode	Partial Open Programing	Anti-Tailgating Feature	ERD	Timer
Yes	Yes	Yes	Yes	Yes



SCAN QR CODE
To learn more about the MAX RHINO 5500

MAX 1200 FS PRO

SLIDE GATE OPERATOR

High Traffic Commercial
24V Brushless DC
FAIL SAFE

SLIDE GATE
OPERATOR COVER



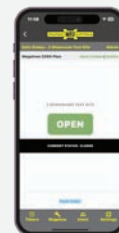
Optional Chain Drop:
Patent No.
US 9,406,207 B2



Heavy-Duty 1/4" Cold-Rolled
Steel Frame – Fully Welded, Gold
Zinc-Plated, and Powder-Coated



OPTIONAL STEEL COVER
15 gauge steel, gold zinc plated
and powder-coated, with heavy
duty hasp for secure locking



**OPTIONAL
MAX CLOUD APP**
(REQUIRES
MAX CELL HUB
INSTALLATION)

Motor Type	1/2 HP 24V Brushless DC - 6 Mil Cycles
Max Gate Weight	1200 lbs
Duty Cycles	Continuous
Warranty	5-Year Warranty
Max Gate Length	25 ft
Gate Speed	12" Per Second
Motor safety	Motor Overcurrent Safety Shut-Off
Power Options	Switchable 115/230 VAC
Battery Back Up	Built-in; Providing a Minimum of 100 Cycles
Temperature Range	-4°F to 165°F (-20°C to +74°C)
Heavy Duty Direct Drive Gearbox	Size 50, 20:1 Gear Ratio - Direct Gear Drive (Cast Iron Housing)
Dimensions	14.5" W x 19" D x 25.5" H
Shipping Weight	152 lbs
Emergency Release	Mechanical Release: Local Switch, Keypad, or Any Dry Contact Relay & Via Max App
Chain Size	#40 Nickel Plated Included
Breaker	20 amp
Power Outputs	Built-in 12VDC and 24VDC
Lightning	Robust Lightning Protection (44 Channels)
On Board Diagnostics	Logs the Most Recent 8,000 Events

Solar Mode	Partial Open Programing	Anti-Tailgating Feature	ERD	Timer
Yes	Yes	Yes	Yes	Yes



SCAN QR CODE
To learn more
about the
1200 FS PRO

MAX 1700 FS PRO

SLIDE GATE OPERATOR

High Traffic Commercial
24V Brushless DC
FAIL SAFE

SLIDE GATE
OPERATOR COVER



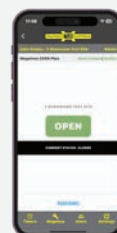
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Heavy-Duty 1/4" Cold-Rolled
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Zinc-Plated, and Powder-Coated



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15 gauge steel, gold zinc plated
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duty hasp for secure locking



**OPTIONAL
MAX CLOUD APP**
(REQUIRES
MAX CELL HUB
INSTALLATION)

Motor Type	1 1/4 HP 24V Brushless DC - 6 Mil Cycles
Max Gate Weight	1700 lbs
Duty Cycles	Continuous
Warranty	5-Year Warranty
Max Gate Length	40 ft
Gate Speed	12" Per Second
Motor safety	Motor Overcurrent Safety Shut-Off
Power Options	Switchable 115/230 VAC
Battery Back Up	Built-in; Providing a Minimum of 100 Cycles
Temperature Range	-4°F to 165°F (-20°C to +74°C)
Heavy Duty Direct Drive Gearbox	Size 60, 20:1 Gear Ratio - Direct Gear Drive (Cast Iron Housing)
Dimensions	14.5" W x 19" D x 25.5" H
Shipping Weight	156 lbs
Emergency Release	Mechanical Release: Local Switch, Keypad, or Any Dry Contact Relay & Via Max App
Chain Size	#40 Nickel Plated Included
Breaker	20 amp
Power Outputs	Built-in 12VDC and 24VDC
Lightning	Robust Lightning Protection (44 Channels)
On Board Diagnostics	Logs the Most Recent 8,000 Events

Solar Mode	Partial Open Programing	Anti-Tailgating Feature	ERD	Timer
Yes	Yes	Yes	Yes	Yes

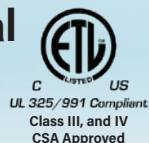


SCAN QR CODE
To learn more
about the
1700 FS PRO

MAX RHINO 4000 FS

SLIDE GATE OPERATOR

High Traffic Commercial
24V Brushless DC
FAIL SAFE



STEEL COVER
15 gauge steel, gold zinc plated and powder-coated, with heavy duty hasp for secure locking

Optional Chain Drop:
Patent No.
US 9,406,207 B2

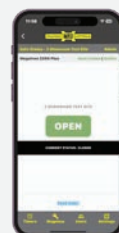


Heavy-Duty 1/4" Cold-Rolled Steel Frame – Fully Welded, Gold Zinc-Plated, and Powder-Coated

Motor Type	2 1/2 HP 24V Brushless DC - 6 Mil Cycles
Max Gate Weight	4000 lbs
Duty Cycles	Continuous
Warranty	3-Year Warranty
Max Gate Length	50 ft
Gate Speed	12" Per Second
Motor safety	Motor Overcurrent Safety Shut-Off
Power Options	Switchable 115/230 VAC
Battery Back Up	Built-in; Providing a Minimum of 40 Cycles
Temperature Range	-4°F to 165°F (-20°C to +74°C)
Heavy Duty Direct Drive Gearbox	Size 70, 17:1 Gear Ratio - Direct Gear Drive (Cast Iron Housing)
Dimensions	14.5" W x 21" D x 29" H
Shipping Weight	225 lbs
Emergency Release	Mechanical Release: Local Switch, Keypad, or Any Dry Contact Relay & Via Max App
Chain Size	#50 Nickel Plated Included
Breaker	20 amp
Power Outputs	Built-in 12VDC and 24VDC
Lightning	Robust Lightning Protection (44 Channels)
On Board Diagnostics	Logs the Most Recent 8,000 Events



OPTIONAL MAX RHINO PLASTIC COVER
(NO EXTRA CHARGE)



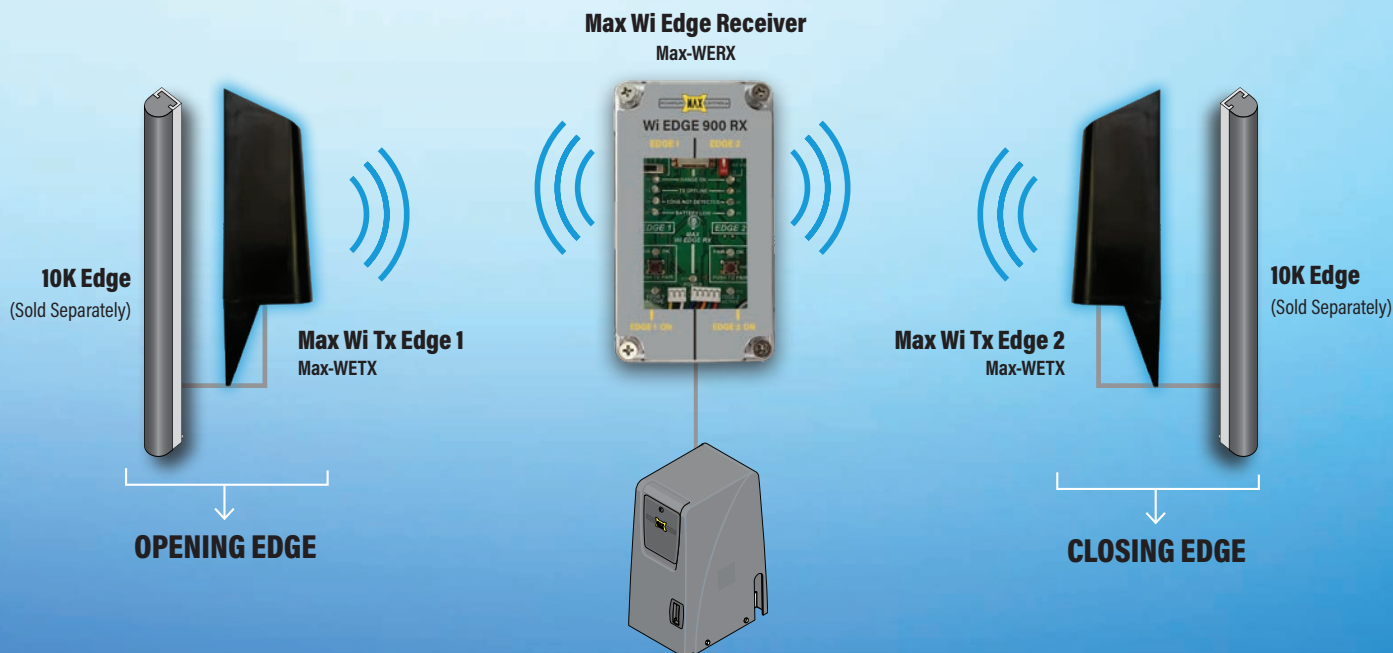
OPTIONAL MAX CLOUD APP
(REQUIRES MAX CELL HUB INSTALLATION)

Solar Mode	Partial Open Programing	Anti-Tailgating Feature	ERD	Timer
Yes	Yes	Yes	Yes	Yes



SCAN QR CODE
To learn more about the MAX RHINO 4000 FS

MAX WIRELESS EDGE 900



- Logs error types on both the error log on operator and Max Cloud App
- Three frequency channel selections to prevent cross talk with nearby operators, ensuring interference-free operation
- Clearly-labeled individual LED lights for each error type, providing easy identification
- Low latency, making it the fastest reacting wireless edge for enhanced safety in the Market
- Pre-wired device with a pre-installed bracket for simplified installation

Watch the Max Wireless Edge 900 in action



MAX Wireless Edge 900
Works exclusively with Max Gate Operators





**MAX MEGATRON
1400 PRO**



**MAX MEGATRON
2200 PRO**



**MAX MEGATRON
TANK**



SWING GATE OPERATORS



**MAX MEGATRON
1400 HP PRO**



**MAX MEGATRON
2200 HP PRO**

MAX MEGATRON 1400 PRO

SWING GATE OPERATOR

High Traffic Commercial
24V Brushless DC



SWING GATE
OPERATOR COVER

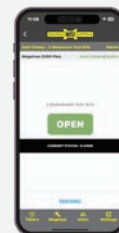


Heavy-Duty 1/4" Cold-Rolled
Steel Frame – Fully Welded, Gold
Zinc-Plated, and Powder-Coated

Motor Type	1/2 HP 24V Brushless DC - 6 Mil Cycles
Max Gate Weight	1400 lbs
Duty Cycles	Continuous
Warranty	5-Year Warranty
Max Gate Length	1400 lbs/15ft or 1200 lbs/20 ft
Gate Speed	11.5 - 18 Second Built-in Speed Control
Motor safety	Motor Overcurrent Safety Shut-Off
Power Options	Switchable 115/230 VAC
Battery Back Up	Built-in; Providing a Minimum of 450 Cycles
Temperature Range	-4°F to 165°F (-20°C to +74°C)
Heavy Duty Direct Drive Gearbox	Size 70, 900:1 Gear Ratio - Direct Gear Drive (Cast Iron Housing)
Dimensions	18.5" W x 24.5" D x 21.3" H
Shipping Weight	205 lbs
Emergency Release	Mechanical and Electrical Manual Gate Release
Breaker	20 amp
Power Outputs	Built-in 12VDC and 24VDC
Lightning	Robust Lightning Protection (44 Channels)
On Board Diagnostics	Logs the Most Recent 8,000 Events
Solar Mode	Yes
Anti-Tailgating Feature	Yes
ERD	Yes
Timer	Yes



Mechanical Release



OPTIONAL
MAX CLOUD APP
(REQUIRES
MAX CELL HUB
INSTALLATION)



SCAN QR CODE
To learn more
about the
MEGATRON
1400 PRO

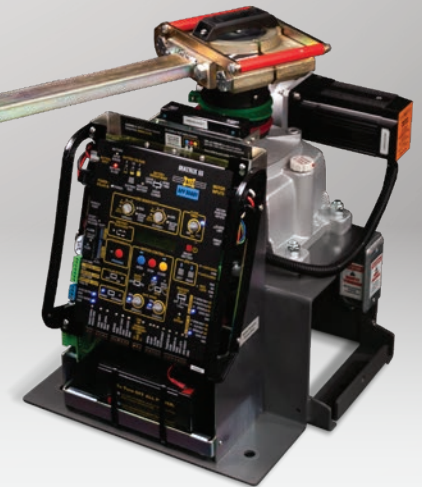
MAX MEGATRON 2200 PRO

SWING GATE OPERATOR

High Traffic Commercial
24V Brushless DC



SWING GATE
OPERATOR COVER

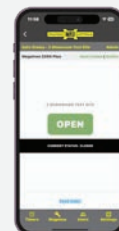


Heavy-Duty 1/4" Cold-Rolled
Steel Frame – Fully Welded, Gold
Zinc-Plated, and Powder-Coated

Motor Type	1 1/4 HP 24V Brushless DC - 6 Mil Cycles
Max Gate Weight	2200 lbs
Duty Cycles	Continuous
Warranty	5-Year Warranty
Max Gate Length	2200 lbs/15ft or 1800 lbs/20 ft
Gate Speed	11.5 - 18 Second Built-in Speed Control
Motor safety	Motor Overcurrent Safety Shut-Off
Power Options	Switchable 115/230 VAC
Battery Back Up	Built-in; Providing a Minimum of 450 Cycles
Temperature Range	-4°F to 165°F (-20°C to +74°C)
Heavy Duty Direct Drive Gearbox	Size 80, 900:1 Gear Ratio - Direct Gear Drive (Cast Iron Housing)
Dimensions	18.5" W x 24.5" D x 21.3" H
Shipping Weight	220 lbs
Emergency Release	Mechanical and Electrical Manual Gate Release
Breaker	20 amp
Power Outputs	Built-in 12VDC and 24VDC
Lightning	Robust Lightning Protection (44 Channels)
On Board Diagnostics	Logs the Most Recent 8,000 Events
Solar Mode	Yes
Anti-Tailgating Feature	Yes
ERD	Yes
Timer	Yes



Mechanical Release



OPTIONAL
MAX CLOUD APP
(REQUIRES
MAX CELL HUB
INSTALLATION)



SCAN QR CODE
To learn more
about the
MEGATRON
2200 PRO

MAX MEGATRON 1400 HP PRO

SWING GATE OPERATOR

High Traffic Commercial
24V Brushless DC



SWING GATE
OPERATOR COVER

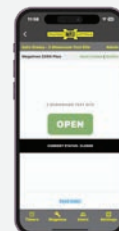


Heavy-Duty 1/4" Cold-Rolled
Steel Frame – Fully Welded, Gold
Zinc-Plated, and Powder-Coated

Motor Type	1/2 HP 24V Brushless DC - 6 Mil Cycles
Max Gate Weight	1400 lbs
Duty Cycles	Continuous
Warranty	5-Year Warranty
Max Gate Length	1400 lbs/15ft or 1200 lbs/20 ft
Gate Speed	11.5 - 18 Second Built-in Speed Control
Motor safety	Motor Overcurrent Safety Shut-Off
Power Options	Switchable 115/230 VAC
Battery Back Up	Built-in; Providing a Minimum of 450 Cycles
Temperature Range	-4°F to 165°F (-20°C to +74°C)
Heavy Duty Direct Drive Gearbox	Size 70, 900:1 Gear Ratio - Direct Gear Drive (Cast Iron Housing)
Dimensions	16.8" W x 24.5" D x 29.9" H
Shipping Weight	235 lbs
Emergency Release	Mechanical and Electrical Manual Gate Release
Breaker	20 amp
Power Outputs	Built-in 12VDC and 24VDC
Lightning	Robust Lightning Protection (44 Channels)
On Board Diagnostics	Logs the Most Recent 8,000 Events
Solar Mode	Yes
Anti-Tailgating Feature	Yes
ERD	Yes
Timer	Yes



Mechanical Release



OPTIONAL
MAX CLOUD APP
(REQUIRES
MAX CELL HUB
INSTALLATION)



SCAN QR CODE
To learn more
about the
MEGATRON
1400 HP PRO

MAX MEGATRON 2200 HP PRO

SWING GATE OPERATOR

High Traffic Commercial
24V Brushless DC



SWING GATE
OPERATOR COVER

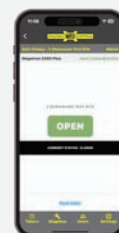


Heavy-Duty 1/4" Cold-Rolled
Steel Frame – Fully Welded, Gold
Zinc-Plated, and Powder-Coated

Motor Type	1 1/4 HP 24V Brushless DC - 6 Mil Cycles
Max Gate Weight	2200 lbs
Duty Cycles	Continuous
Warranty	5-Year Warranty
Max Gate Length	2500 lbs/15ft or 1800 lbs/20 ft
Gate Speed	11.5 - 18 Second Built-in Speed Control
Motor safety	Motor Overcurrent Safety Shut-Off
Power Options	Switchable 115/230 VAC
Battery Back Up	Built-in; Providing a Minimum of 450 Cycles
Temperature Range	-4°F to 165°F (-20°C to +74°C)
Heavy Duty Direct Drive Gearbox	Size 80, 900:1 Gear Ratio - Direct Gear Drive (Cast Iron Housing)
Dimensions	16.8" W x 24.5" D x 29.9" H
Shipping Weight	250 lbs
Emergency Release	Mechanical and Electrical Manual Gate Release
Breaker	20 amp
Power Outputs	Built-in 12VDC and 24VDC
Lightning	Robust Lightning Protection (44 Channels)
On Board Diagnostics	Logs the Most Recent 8,000 Events
Solar Mode	Yes
Anti-Tailgating Feature	Yes
ERD	Yes
Timer	Yes



Mechanical Release



OPTIONAL
MAX CLOUD APP
(REQUIRES
MAX CELL HUB
INSTALLATION)



SCAN QR CODE
To learn more
about the
MEGATRON
2200 HP PRO

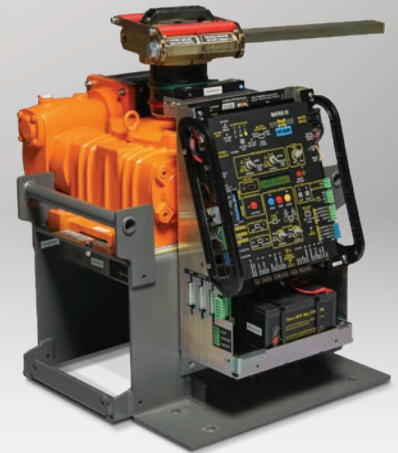
MAX MEGATRON TANK

SWING GATE OPERATOR

Super Heavy-Duty, High Traffic Commercial 24V Brushless DC

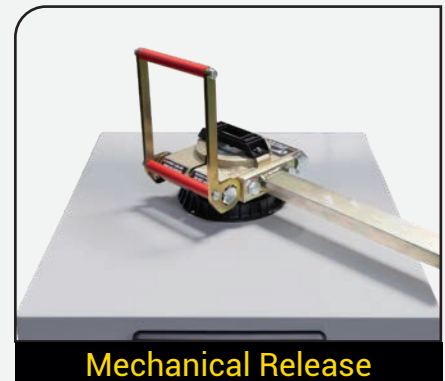


MEGATRON TANK METAL COVER
Gold Zinc Plated and Powder-Coated

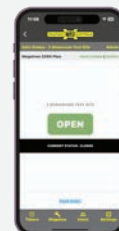


Heavy-Duty 1/4" Cold-Rolled Steel Frame – Fully Welded, Gold Zinc-Plated, and Powder-Coated

Motor Type	2 1/2 HP 24V Brushless DC - 6 Mil Cycles
Max Gate Weight	4500 lbs
Duty Cycles	Continuous
Warranty	2-Year Warranty
Max Gate Length	4500 lbs/10ft or 3000 lbs/30 ft
Gate Speed	11.5 - 20 Second Built-in Speed Control
Motor safety	Motor Overcurrent Safety Shut-Off
Power Options	Switchable 115/230 VAC
Battery Back Up	Built-in; Providing a Minimum of 450 Cycles
Temperature Range	-4°F to 165°F (-20°C to +74°C)
Heavy Duty Direct Drive Gearbox	Size 100, 900:1 Gear Ratio - Direct Gear Drive (Cast Iron Housing)
Dimensions	19.25" W x 23" D x 25" H
Shipping Weight	323 lbs
Emergency Release	Mechanical and Electrical Manual Gate Release
Breaker	20 amp
Power Outputs	Built-in 12VDC and 24VDC
Lightning	Robust Lightning Protection (44 Channels)
On Board Diagnostics	Logs the Most Recent 8,000 Events
Solar Mode	Yes
Anti-Tailgating Feature	Yes
ERD	Yes
Timer	Yes



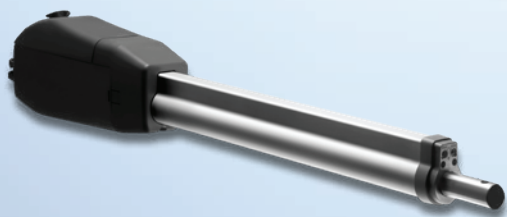
Mechanical Release



OPTIONAL MAX CLOUD APP
(REQUIRES MAX CELL HUB INSTALLATION)



SCAN QR CODE
To learn more about the MEGATRON TANK



MAX SUPER ARM 1300



MAX SUPER ARM 2300



LINEAR ACTUATORS

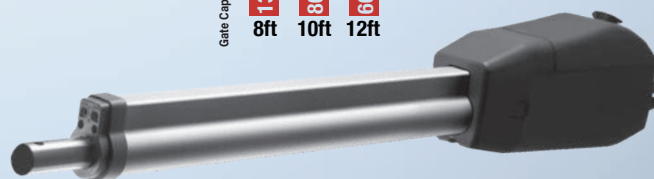
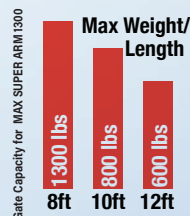


MAX ULTRA ARM

MAX SUPER ARM 1300

LINEAR ACTUATOR

Heavy-Duty 24V DC for Residential/Commercial Use

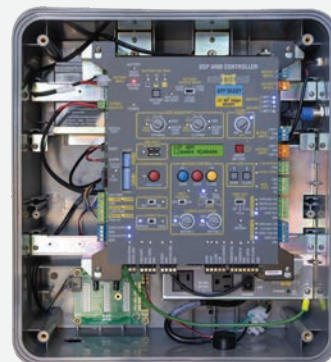


GATE CAPACITY

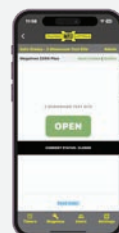
Motor Type	High Power 24V DC
Max Gate Weight	1300 lbs
Duty Cycles	Continuous
Warranty	2-Year Warranty
Max Gate Length	1300lbs/8ft 800lbs/10ft 600lbs/12ft
Gate Speed	15-17 Seconds; Dependent on Motor Speed settings and Geometry
Motor safety	Motor Overcurrent Safety Shut-Off
Power Options	Switchable 115/230 VAC
Battery Back Up	Built-in; Providing a Minimum of 500 Cycles
Temperature Range	-4°F to 165°F (-20°C to +74°C)
Heavy Duty Direct Drive Gearbox	Multiple Gearing Made of Metal and Bronze
Dimensions	Min Extension = 37.5" Max Extension = 57"
Shipping Weight	Actuator: 25 lbs AC Control Box: 38 lbs
Emergency Release	Mechanical and Electrical Manual Gate Release
Breaker	15 amp
Power Outputs	Built-in 12VDC and 24VDC
Lightning	Robust Lightning Protection (44 Channels)
On Board Diagnostics	Logs the Most Recent 8,000 Events
Solar Mode	Yes
Anti-Tailgating Feature	Yes
ERD	Yes
Timer	Yes



Mechanical Release



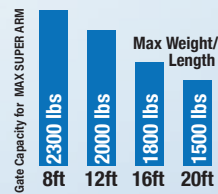
ARM CONTROLLER BOX
Heavy-Duty composite plastic enclosure



OPTIONAL
MAX CLOUD APP
(REQUIRES
MAX CELL HUB
INSTALLATION)



SCAN QR CODE
To learn more
about the
MAX SUPER
ARM 1300



**GATE
CAPACITY**

MAX SUPER ARM 2300

LINEAR ACTUATOR



**Heavy-Duty 24V DC for
Residential/Commercial Use**



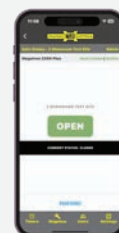
Motor Type	High Power 24V DC
Max Gate Weight	2300 lbs
Duty Cycles	Continuous
Warranty	2-Year Warranty
Max Gate Length	2300lbs/8ft 1800lbs/16ft 2000lbs/12ft 1500lbs/20ft
Gate Speed	15-17 Seconds; Dependent on Motor Speed settings and Geometry
Motor safety	Motor Overcurrent Safety Shut-Off
Power Options	Switchable 115/230 VAC
Battery Back Up	Built-in; Providing a Minimum of 500 Cycles
Temperature Range	-4°F to 165°F (-20°C to +74°C)
Heavy Duty Direct Drive Gearbox	1,800:1 Gear Ratio Multiple Gearing Made of Metal and Bronze
Dimensions	Min Extension = 37" Max Extension = 54.75"
Shipping Weight	Actuator: 35 lbs AC Control Box: 38 lbs
Emergency Release	Mechanical and Electrical Manual Gate Release
Breaker	15 amp
Power Outputs	Built-in 12VDC and 24VDC
Lightning	Robust Lightning Protection (44 Channels)
On Board Diagnostics	Logs the Most Recent 8,000 Events
Solar Mode	Yes
Anti-Tailgating Feature	Yes
ERD	Yes
Timer	Yes



Mechanical Release



ARM CONTROLLER BOX
Heavy-Duty composite
plastic enclosure



**OPTIONAL
MAX CLOUD APP**
(REQUIRES
MAX CELL HUB
INSTALLATION)



SCAN QR CODE
To learn more
about the
MAX SUPER
ARM 2300

MAX ULTRA ARM

LINEAR ACTUATOR

Heavy-Duty 24V DC for Residential/Commercial Use



Max Gate Weight/Length			
1600 lbs 725 kg	1200 lbs 544 kg	800 lbs 362 kg	600 lbs 272 kg
8ft	12ft	16ft	18ft

GATE CAPACITY



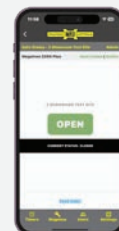
Motor Type	High Power 24V DC
Max Gate Weight	1600 lbs
Duty Cycles	Continuous
Warranty	2-Year Warranty
Max Gate Length	1600lbs/8ft 800lbs/16ft 1200lbs/12ft 600lbs/18ft
Gate Speed	15-17 Seconds; Dependent on Motor Speed settings and Geometry
Motor safety	Motor Overcurrent Safety Shut-Off
Power Options	Switchable 115/230 VAC
Battery Back Up	Built-in; Providing a Minimum of 500 Cycles
Temperature Range	-4°F to 165°F (-20°C to +74°C)
Heavy Duty Direct Drive Gearbox	Multiple Gearing Made of Metal and Bronze
Dimensions	Min Extension = 39.1" Max Extension = 60.3"
Shipping Weight	Actuator: 27 lbs AC Control Box: 38 lbs
Emergency Release	Mechanical and Electrical Manual Gate Release
Breaker	15 amp
Power Outputs	Built-in 12VDC and 24VDC
Lightning	Robust Lightning Protection (44 Channels)
On Board Diagnostics	Logs the Most Recent 8,000 Events
Solar Mode	Yes
Anti-Tailgating Feature	Yes
ERD	Yes
Timer	Yes



Mechanical Release



ARM CONTROLLER BOX
Heavy-Duty composite plastic enclosure



OPTIONAL
MAX CLOUD APP
(REQUIRES
MAX CELL HUB
INSTALLATION)



SCAN QR CODE
To learn more
about the
**MAX ULTRA
ARM**

MAX SOLAR



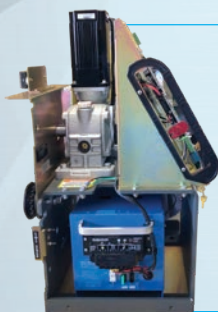
Solar Pack

- Heavy-Duty Sheet Metal
- Gold Zinc Power Coated
- Solar Regulator 24V, 10A (morning star)
- AGM Battery (Absorbent Glass Mat) 24V, 36 Amp/Hr
- 2 x 12V Batteries YUASA
- Fuse 30 Amp
- 1 Year Warranty
- 62 lbs. shipping weight



Solar Pack Box

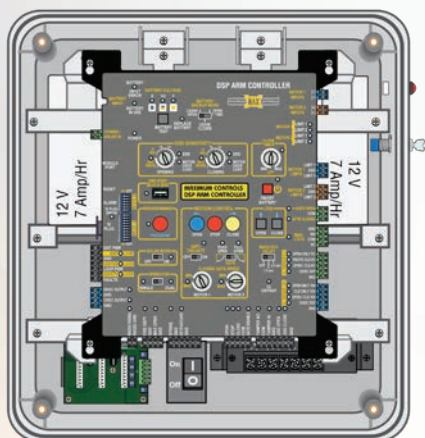
- Heavy-Duty Sheet Metal
- Gold Zinc Plated & Powder-Coated
- Built-in Key Lock
- Mounting bracket for 3-inch pipe and square tube



Max Solar Pack
Available for
**ALL SLIDE
OPERATORS
PRO SERIES &
MXG-SERIES**



Max Solar Pack
Available for
**MEGA 1400 HP PRO
MEGA 2200 HP PRO
SWING OPERATORS**



Solar Arm Controller Box

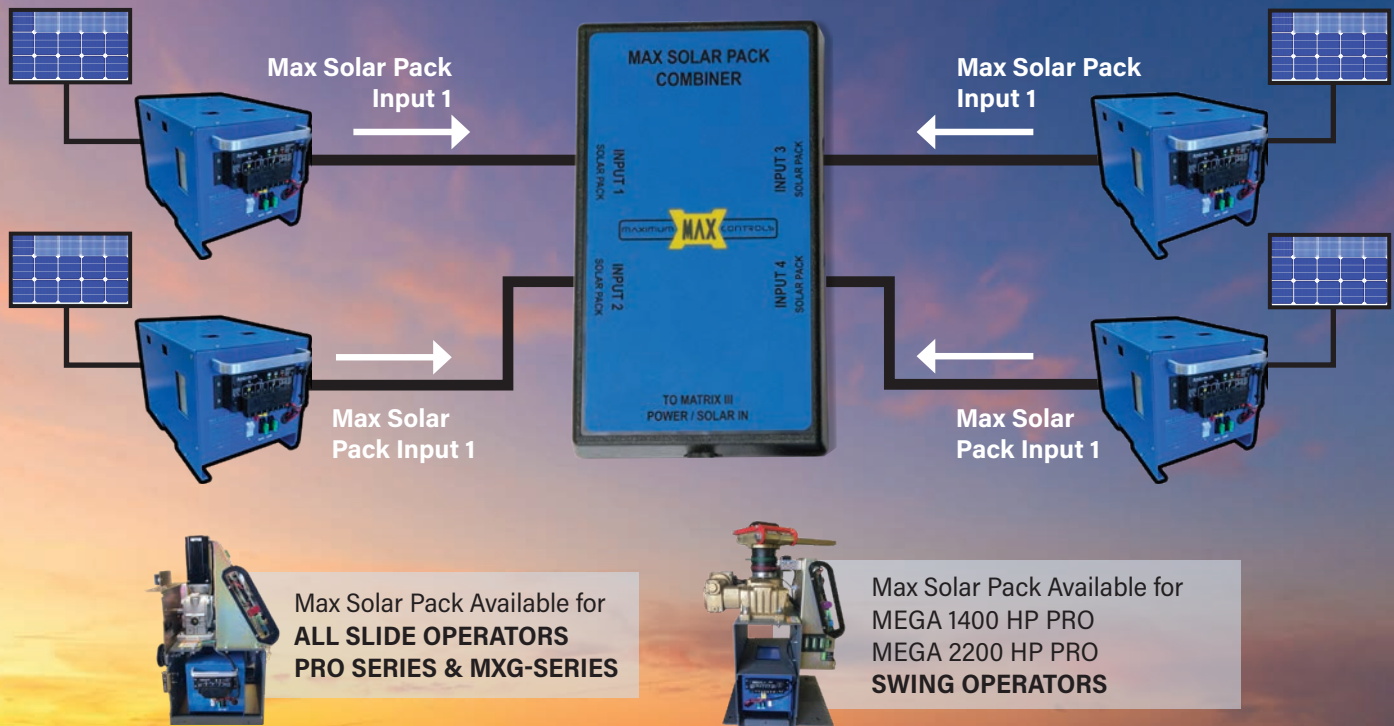
**SOLAR Control Panel for
Max Super Arms or Max Ultra Arm**

- Two 12V 18 AH AGM YUASA Rechargeable Batteries (Absorbent Glass Mat)
- Sleep mode for low power draw at idle
- Solar Regulator 24V, 10A (Morning Star)
- Two 30A Fuses
- Single power ON/OFF Switch
- 2 Year Warranty
- Loop Rack **Optional**



MAX SOLAR PACK COMBINER

EXPAND YOUR SOLAR POWER CAPACITY



The MAX Solar Pack Combiner enables gate operators to connect up to 4 independent solar packs, delivering a high-capacity power solution capable of handling up to 1,000 cycles per day. Designed for mission-critical security applications, this robust system ensures uninterrupted operation through intelligent power management.

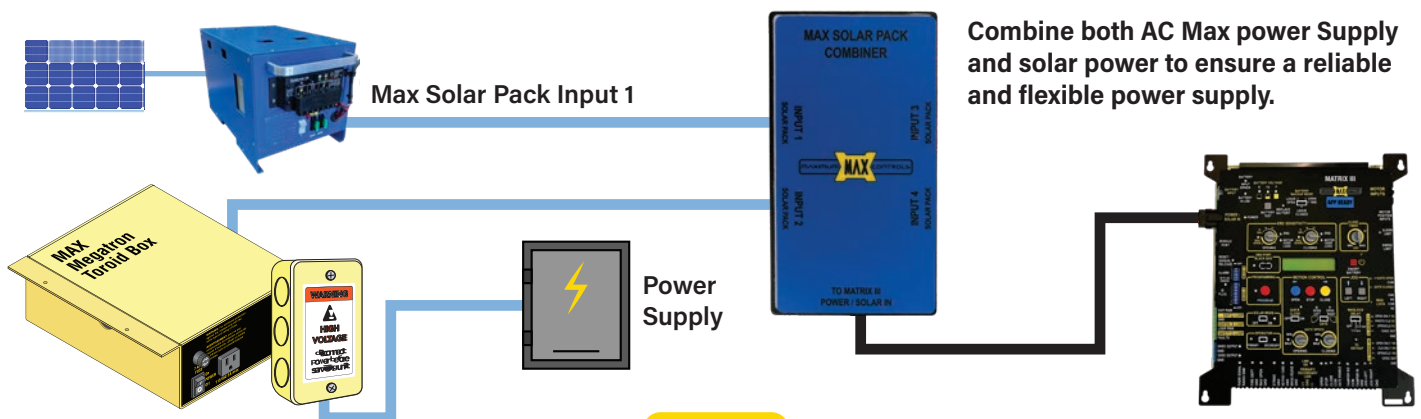
KEY FEATURES

Smart Voltage Selection - The combiner automatically draws power from the input with the highest voltage.

Redundant System Protection - If a battery fails or a solar panel malfunctions, the system seamlessly switches to backup units.

Hybrid Power Capability - Integrates with AC power sources. Your gate operator runs on AC power during normal operation and automatically switches to solar backup during power outages.

High-Security Ready - Built for demanding security applications where system reliability is non-negotiable.





MAX CLOUD APP



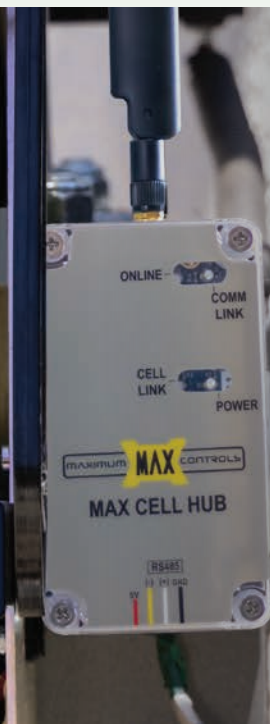
MAX CELL HUB



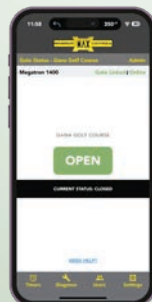
**MAX CELL HUB
KEYPAD**



**MAX WIEGAND
CONVERTER**



APP-BASED CELLULAR ACCESSORIES

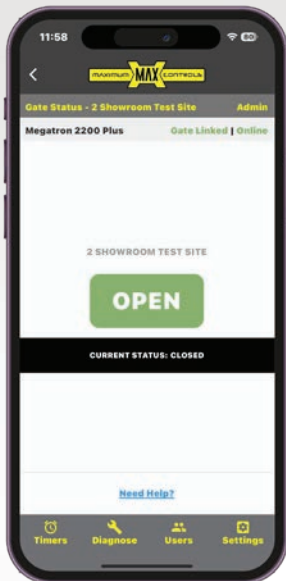


MAX CLOUD APP



**MAX APP-BASED
KEYPAD**

No Cell Hub
Required



MAX CLOUD APP

App-based access control integrated with Max gate operators. Affordable and unique app solution for residential and commercial applications.



Smartphone · Tablet



VIRTUAL TRANSMITTER:

- To open or close a gate from anywhere in the world - via Max Cloud App
- Supports >10,000 virtual transmitters using the Max Cloud App



QUICK & RELIABLE APP COMMANDS:

- App uses a dedicated cloud server to issue gate OPEN & other commands within a second.
- Cellular data connectivity is more reliable than WiFi due to range limitations.
- Cloud based app does not use text messaging which has unpredictable delays.



MANAGE GATE SITES USING MAX CLOUD APP:

- Add Admin users that can manage the gate site database
- Add users with optional time restrictions
- Issue temporary Guest Passes for visitors
- With Max Keypad option: Program keypad keycodes, Wiegand keycodes for card readers, radio receivers and transponders with time restrictions
- Setup Auto Open / Close Timer for Max operators
- Retrieve Event log
- Retrieve Operator Diagnostics info: Error log



MULTIPLE GATE SITES SUPPORTED BY MAX CLOUD APP

- Gate sites can be controlled and monitored individually via app



SIMPLE AND SECURE APP LOGIN :

- Securely login to app using Cloud based authentication code. This avoids the need to remember passwords



USER FRIENDLY MENUS:

- Easy to program App Users & Guest passes with time restrictions. All programming is done on Max Cloud App - not a website portal (**web portal coming soon**)

MAX CELL HUB (CELL-BASED)



Max Cell Hub

- Max Cell Hub works exclusively on Max operators (Max PRO series / Actuators)
- Multi carrier SIM card - Automatically switches between carriers for the best available signal (AT&T, Verizon, or T-Mobile)
- Cell data plans available:
 - Residential/ low cycle Commercial plan 10MB/mo
 - Commercial (High usage) plan 100MB/mo
- SIM card activated on MAX website link (customer info, IMEI #, payment method)
- Works on battery back up
- Supports RS485 peripheral devices (Up to 16):
 - MAX Cell Hub Keypads
 - Max Wiegand Converter (for card readers, radio receivers, transponders)



Max Cell Hub Keypad



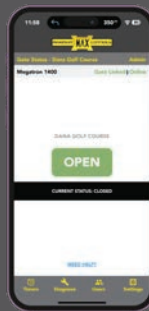
Max Wiegand Converter



Max Operator



Max Cell Hub



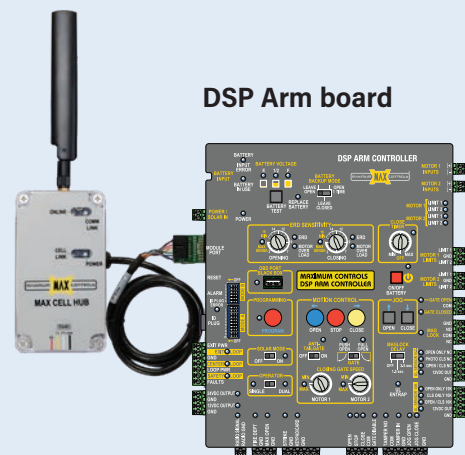
Max Cloud App

- App-based access control integrated with MAX gate operators
- Reliable, low latency cloud-based app
- Real time security alerts

Easy Install: Max Cell Hub is simply plugged into "Module Port" of Matrix III or DSP Arm board



Matrix III board



DSP Arm board

MAX CELL HUB KEYPAD (CELL-BASED)

PROGRAMMABLE KEYCODES VIA MAX CLOUD APP

- Program keycodes with restrictive time zones
- Track keypad keycode entries in event log

WIEGAND INPUT PORT

- Wiegand port to support 26-bit card readers, radio receivers & RFID transponders
- Program cards/keyfob, radio transmitters & transponder tags via Max Cloud App and assign optional time restrictions
- Track wiegand device activity in event log

RELAY PORT

- Control access point with dedicated relay

REQUEST TO EXIT (RTE) PORT

- Supports exit switch request on pedestrian gates

PROGRAMMABLE GREETING MESSAGE

- Customize greeting message on keypad display on app

PROGRAMMABLE CALL BUTTON MESSAGE:

- Program on App display message for CALL button with a specific instruction for visitors. When a visitor pushes the CALL button, the display message may instruct the visitor to call a specific phone number (i.e. facility manager or home owner) using their personal cell phone.
- Example CALL button message: "CALL (949) 000-0000 on your phone".

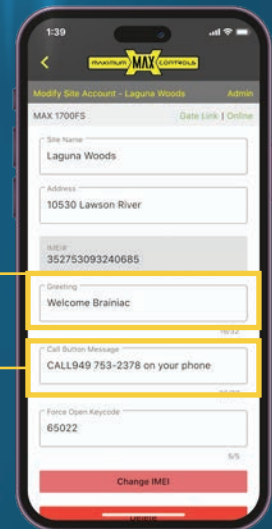
FORCE OPEN KEYCODE

- Force open a problematic gate using this special keycode on Max keypad. This will Jog the gate open by overwriting the UL sensors of Max operator

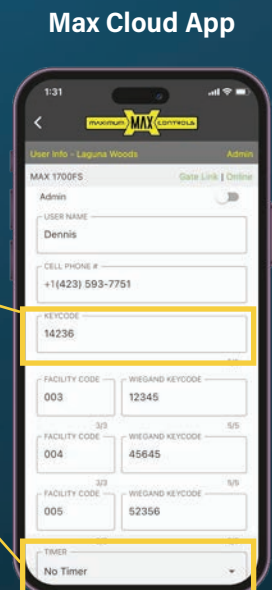


Max Cell Hub Keypad

Max Cell Hub
is required



Max Cloud App



Max Cloud App



Max Cell Hub Keypad

Program Keypad keycodes with
restrictive time zones

Choose 1 of 6 programmable
timers for keycode time zones

MAX APP-BASED KEYPAD (CELL-BASED)

Max Cloud App

1,000 KEYCODES
1,000 WIEGAND
KEYCODES
10,000 APP USERS



Watch the Max
App-Based Keypad
in action



No Cell Hub
Required



App-Based Trackable Keypad



Multi carrier SIM card - automatically switches
between carriers for the best available signal
(AT&T, Verizon, or T-Mobile)



16 Zone Control using Wiegand Converters

Optional 15 Wireless zone control
(1 mile range / 900 MHz)
(with wireless Wiegand Converter)



OPTIONAL



Event Log of all transactions



Residential / commercial
application



Guest Pass with date and
time restriction



Stainless Steel Powder Coated
back Housing Zinc Die Cast
front Door



Max Cloud App



Card Reader



Radio
Receiver



RFID
Transponder



Max Wiegand
Converter



Max Wiegand
Converter

MAX WIEGAND CONVERTER



Max Wiegand Converter



Wireless Wiegand Converter Pair



Max Cell Hub
is required

- Max Cell Hub can support up to 16 access points using Max Wiegand Converter Units and/or Max Keypads (can integrate wireless module, wirelessly communicate up to 15 access points)



WIEGAND INPUT PORT

- Supports any 26-bit card reader, radio receiver & RFID transponder
- Using the Max Cloud App, program cards/keyfob, radio transmitters & transponder tags and assign optional time restrictions
- Track wiegand device activity in event log
- Operating temp: -20°C to 70°C

RELAY PORT

- Control access point with dedicated relay

REQUEST TO EXIT (RTE) PORT

- Supports exit switch request on pedestrian gates



OPTIONAL

MAX
WIRELESS
WIEGAND
CONVERTER



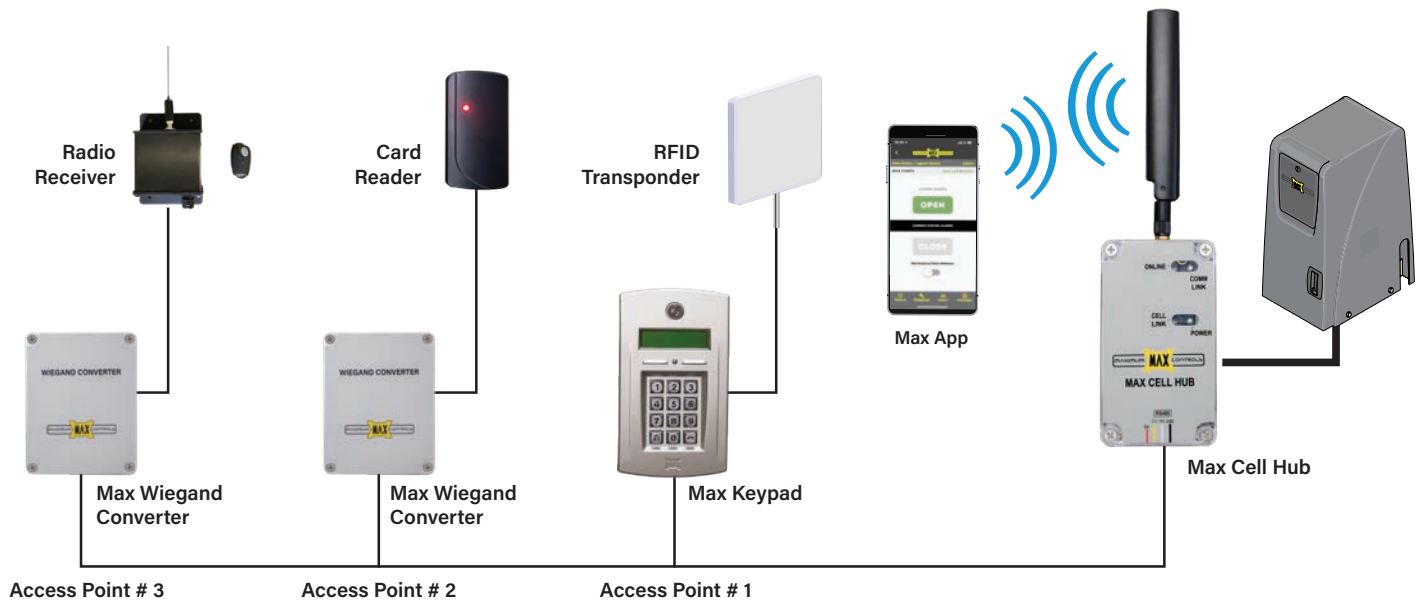
Radio Transmitter



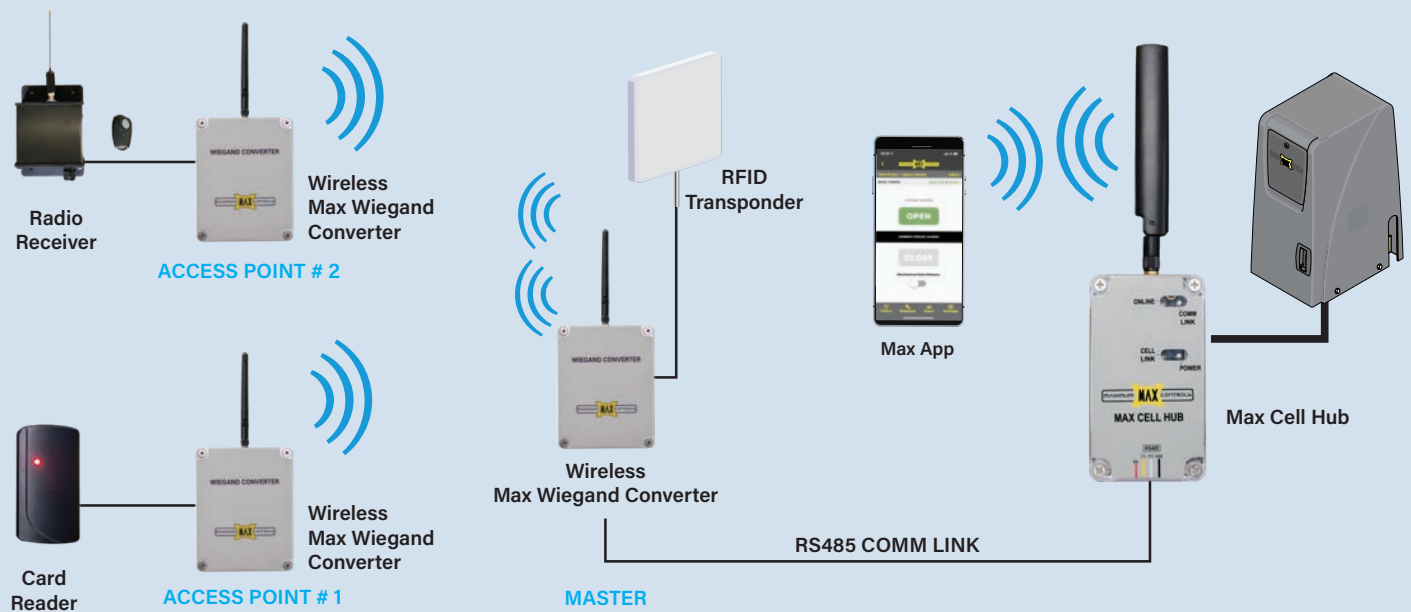
Card Reader

Max Wiegand Converter & App-Based Cell Keypad both have a Wiegand port to support any 26-bit card readers, radio receivers & RFID transponders

APP-BASED 16 ZONE CONTROL (WIRED ENTRY APPLICATION)



1-MILE WIRELESS LINK TO 15 ACCESS POINTS (WIRELESS ENTRY APPLICATION)

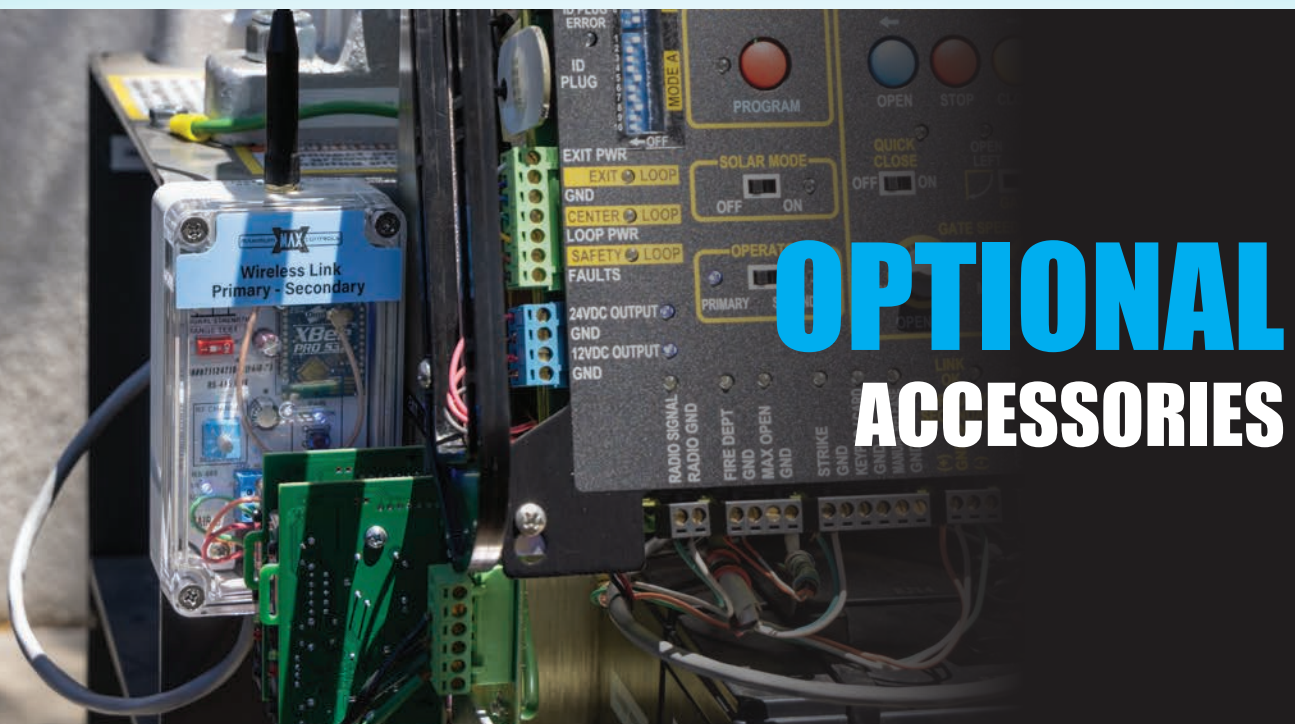




**MAX WIRELESS LINK
PRIMARY - SECONDARY**



**MAX WIRELESS
EDGE 900**



**MAX WIRELESS
PUSH BUTTON**



**MAX WIRELESS
RELAY PAIR**

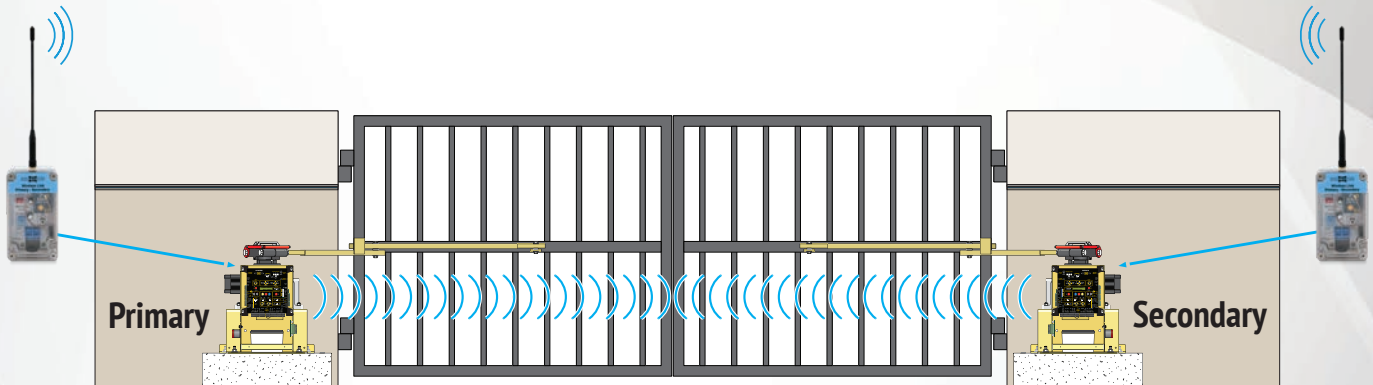
MAX WIRELESS RS-485

Watch the Max Wireless RS-485 in action



900MHz Robust Signal
Up to 1 mile using Line-Of-Sight

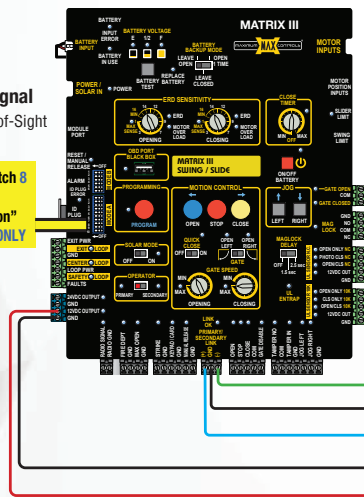
The Max Wireless RS-485 is designed to wirelessly communicate between the PRIMARY and the SECONDARY Max Pro gate operators.



With the industry's longest wireless range (1 mile range), there's no concern about cross-talk, as each pair is uniquely linked to ensure smooth, interference-free operation.

900MHz Robust Signal
Up to 1 Mile using Line-of-Sight

TURN ON **MODE A** dip switch 8 to enable "wireless communication" on MATRIX III PRIMARY ONLY

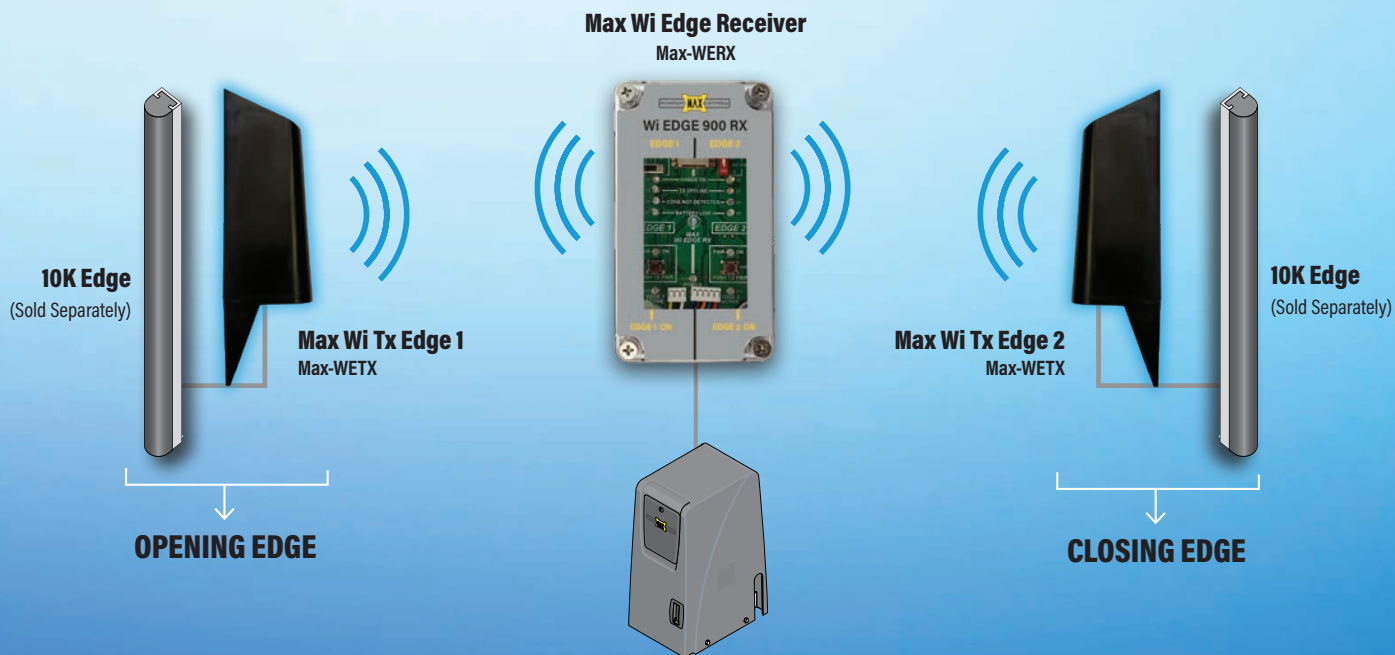


PRIMARY Wi RS-485 Link

Polarity does not matter

Power Wire

MAX WIRELESS EDGE 900



- Logs error types on both the error log on operator and Max Cloud App
- Three frequency channel selections to prevent cross talk with nearby operators, ensuring interference-free operation
- Clearly-labeled individual LED lights for each error type, providing easy identification
- Low latency, making it the fastest reacting wireless edge for enhanced safety in the Market
- Pre-wired device with a pre-installed bracket for simplified installation

Watch the Max Wireless Edge 900 in action



MAX Wireless Edge 900
Works exclusively with Max Gate Operators

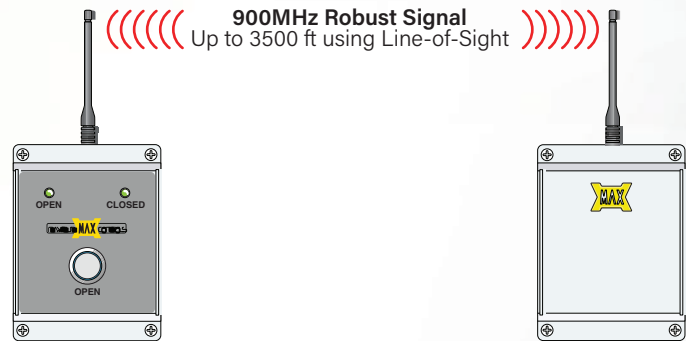


MAX WIRELESS PUSH BUTTON



The Max Wireless Push Button can be used in a situation where a gate operator or door needs to be remotely controlled, open, closed, or held open.

- Visitor calls from personal mobile phone at gate and Max Push Button will let them in.
- Toggle switch holds gate open for any length of time.



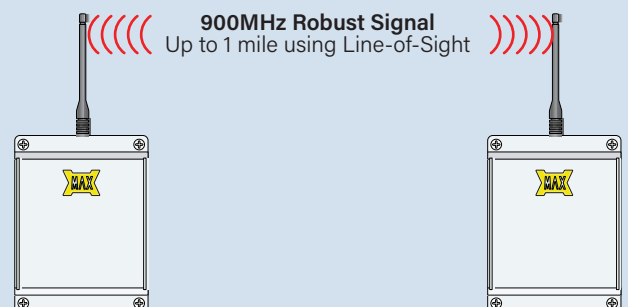
MAX WIRELESS RELAY PAIR

Long range wireless, 900 MHz, 2 channel, 3500 ft, relay transmitter and receiver controls activate, deactivate, commands remotely.

The 2 individual relays function independently from each other allowing 2 different applications to be used and they can vary greatly. Almost any device with a dry contact input (switch ON or OFF) can be used.

A few examples are:

- Opening Device
- Gate Tamper monitoring and controlling
- Monitor the gate Open and Closed positions
- Turn on safety devices when the gate opens
- Operate with an existing alarm system





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